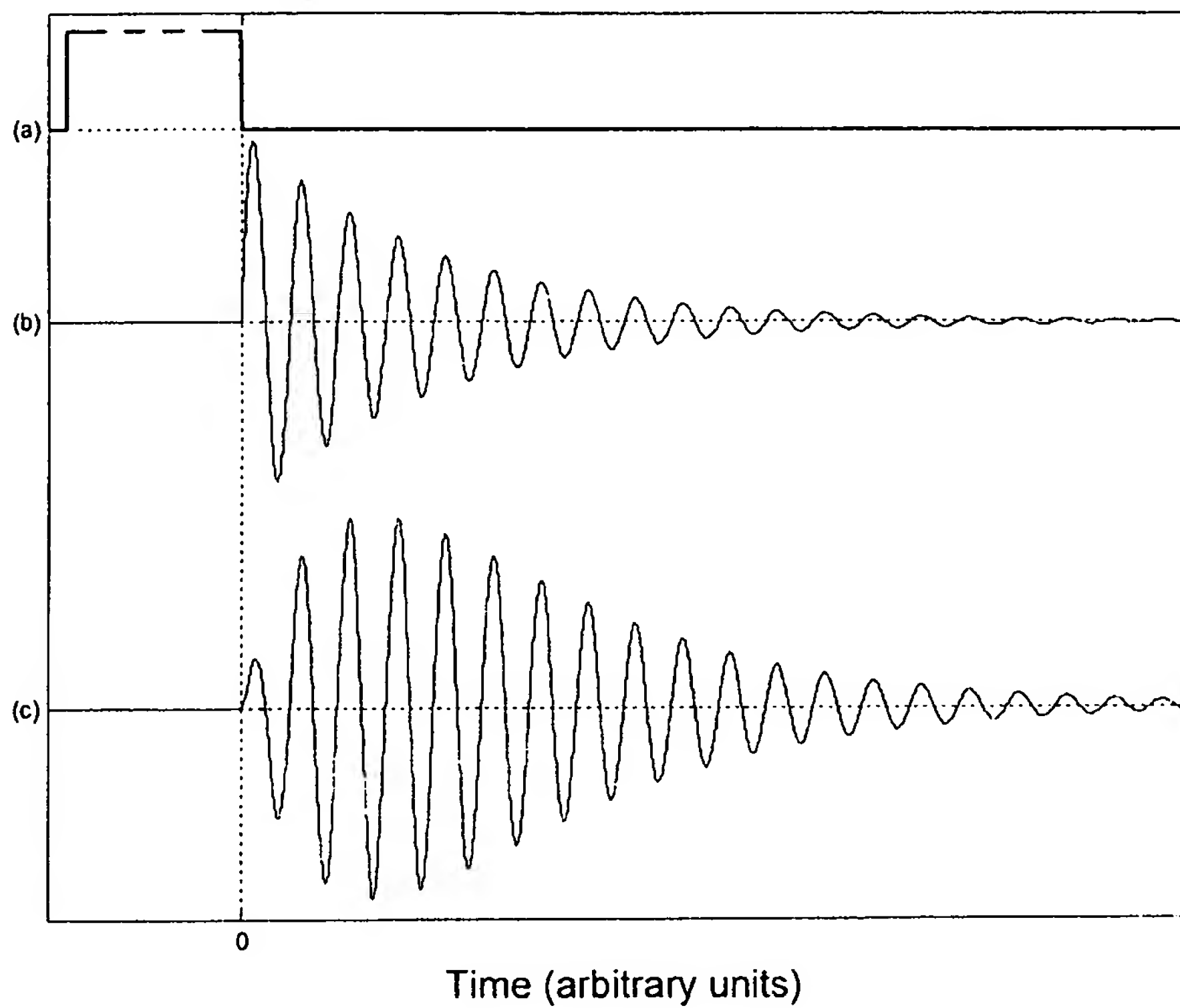
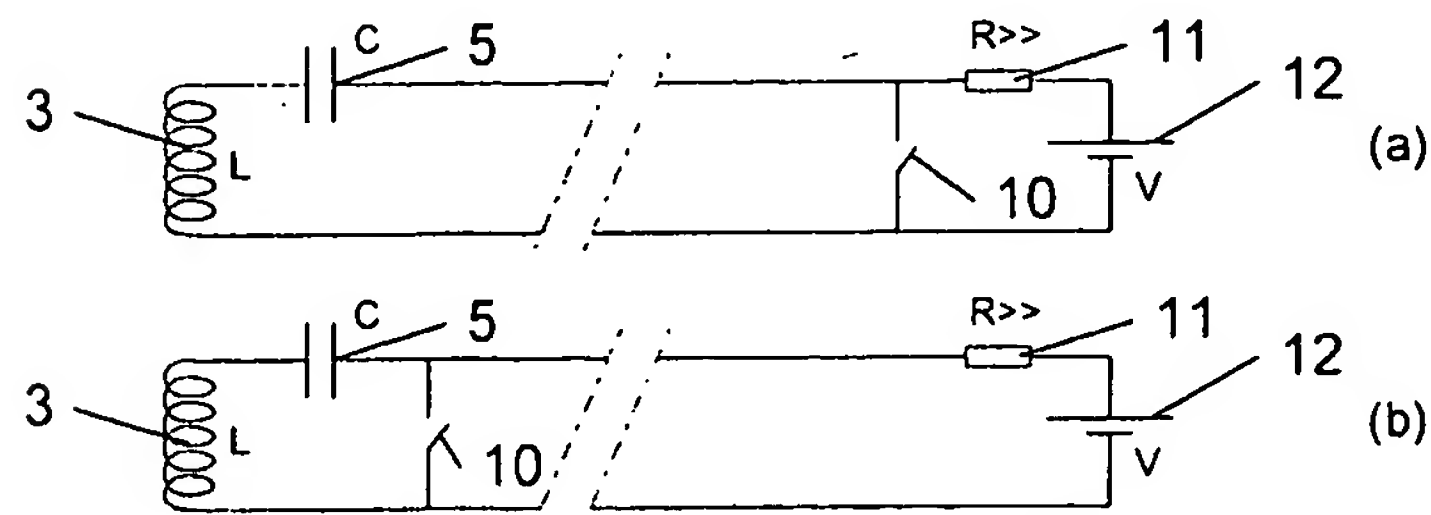
**Fig. 1****Fig. 2****Fig. 3**

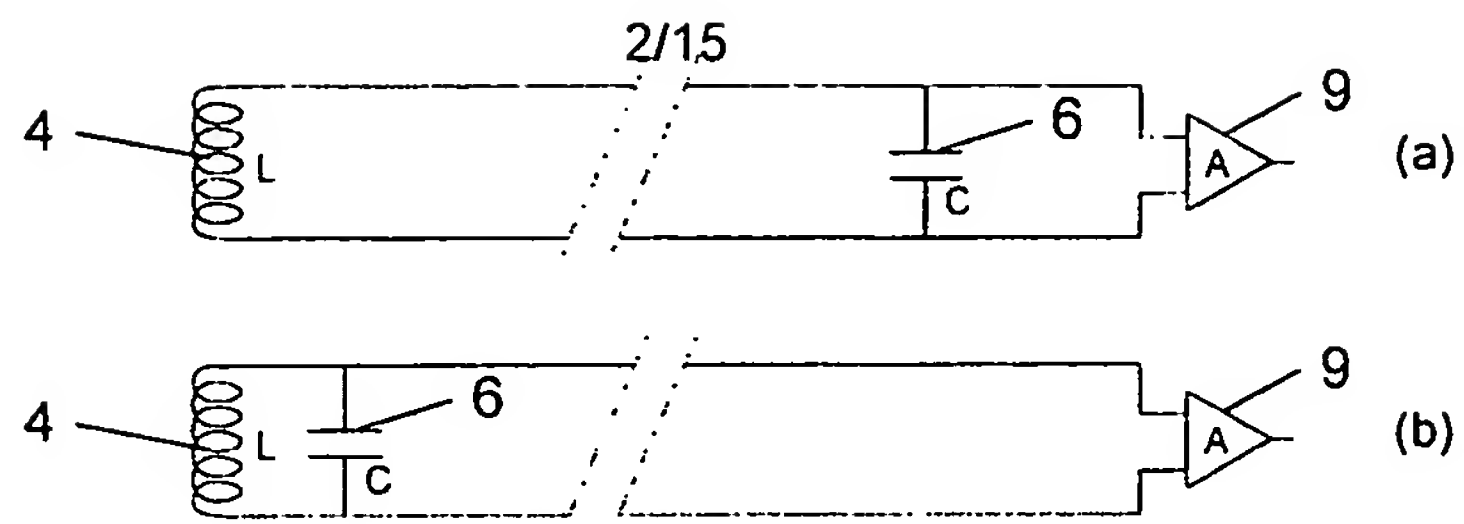


Fig. 4

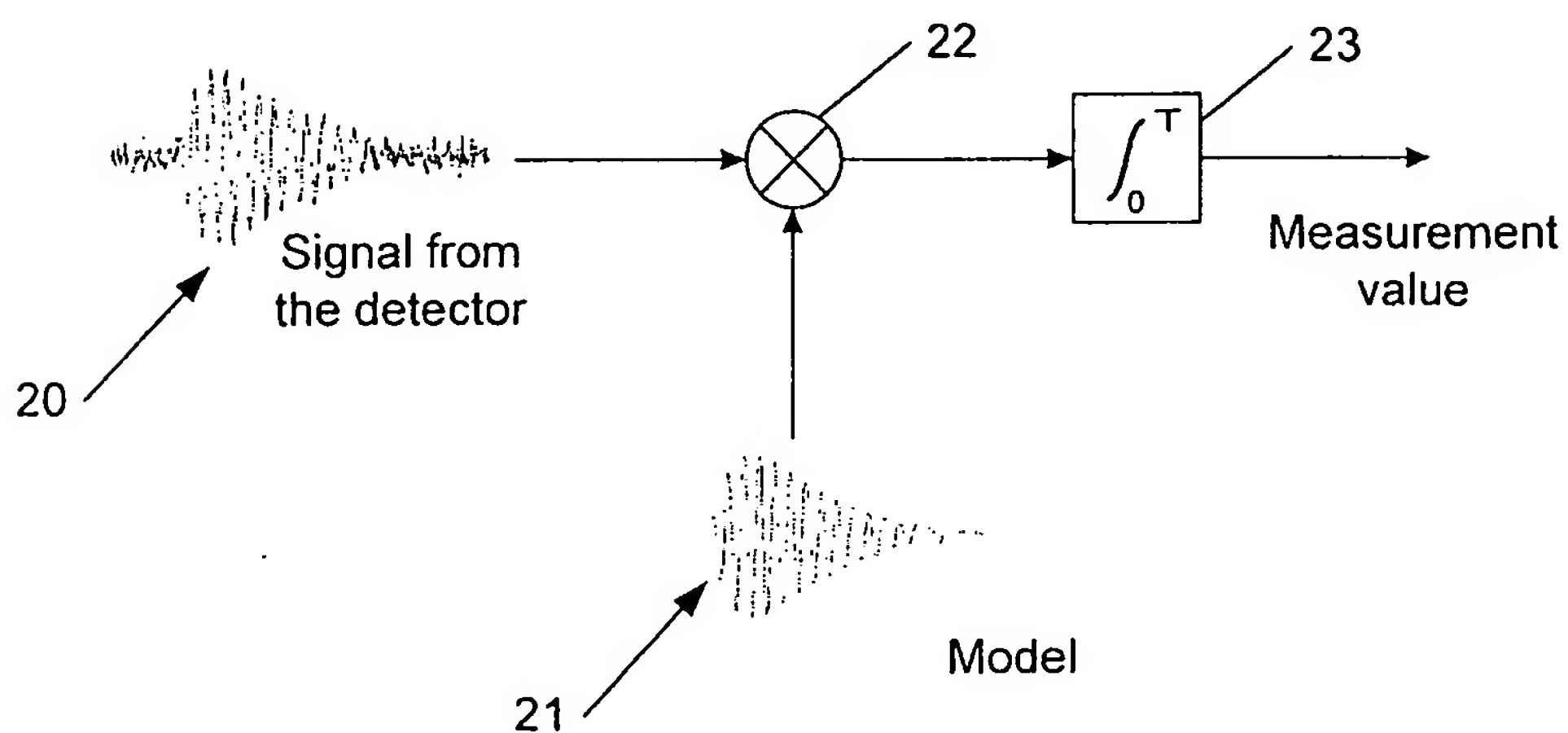


Fig. 5

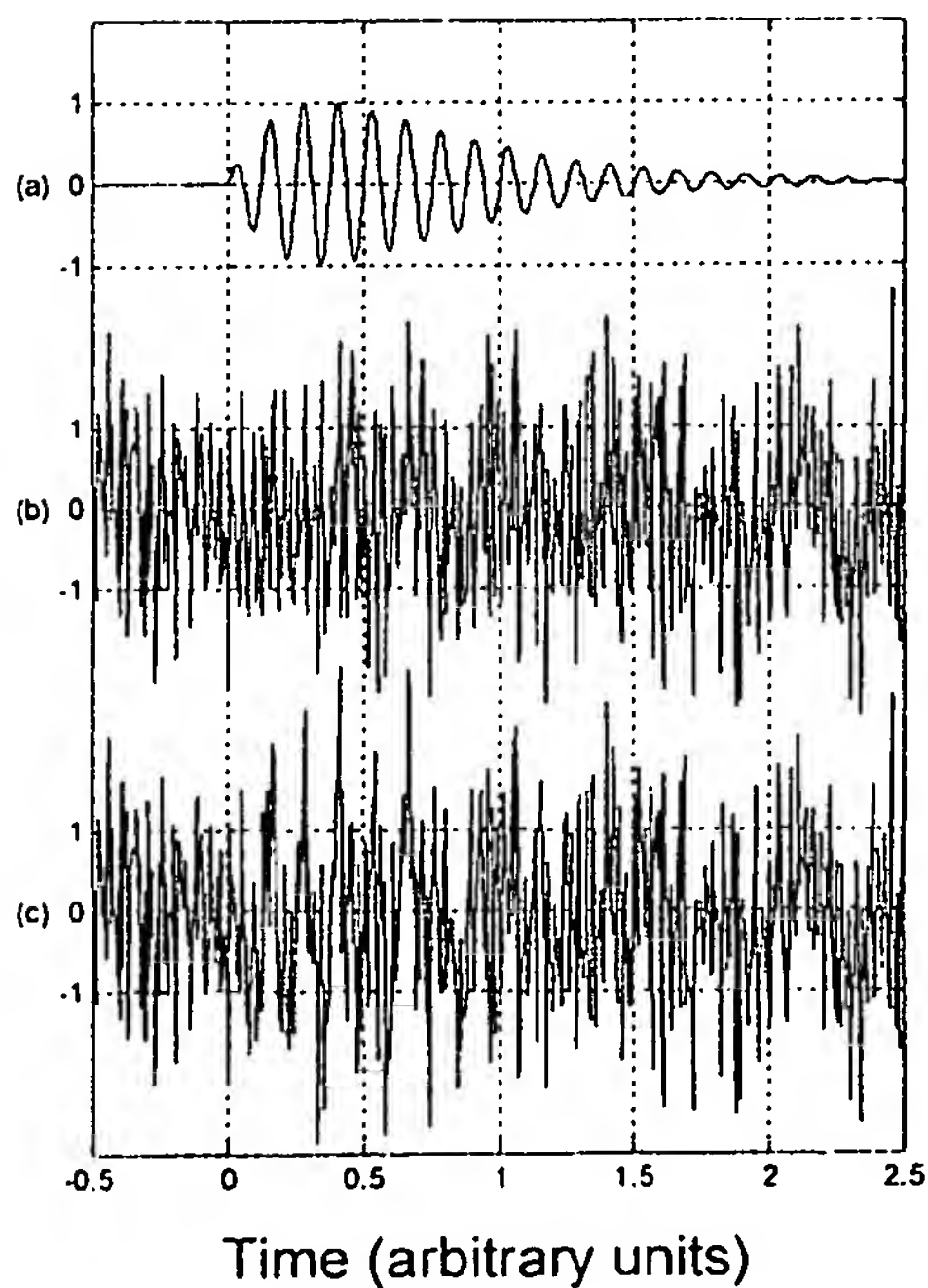


Fig. 6

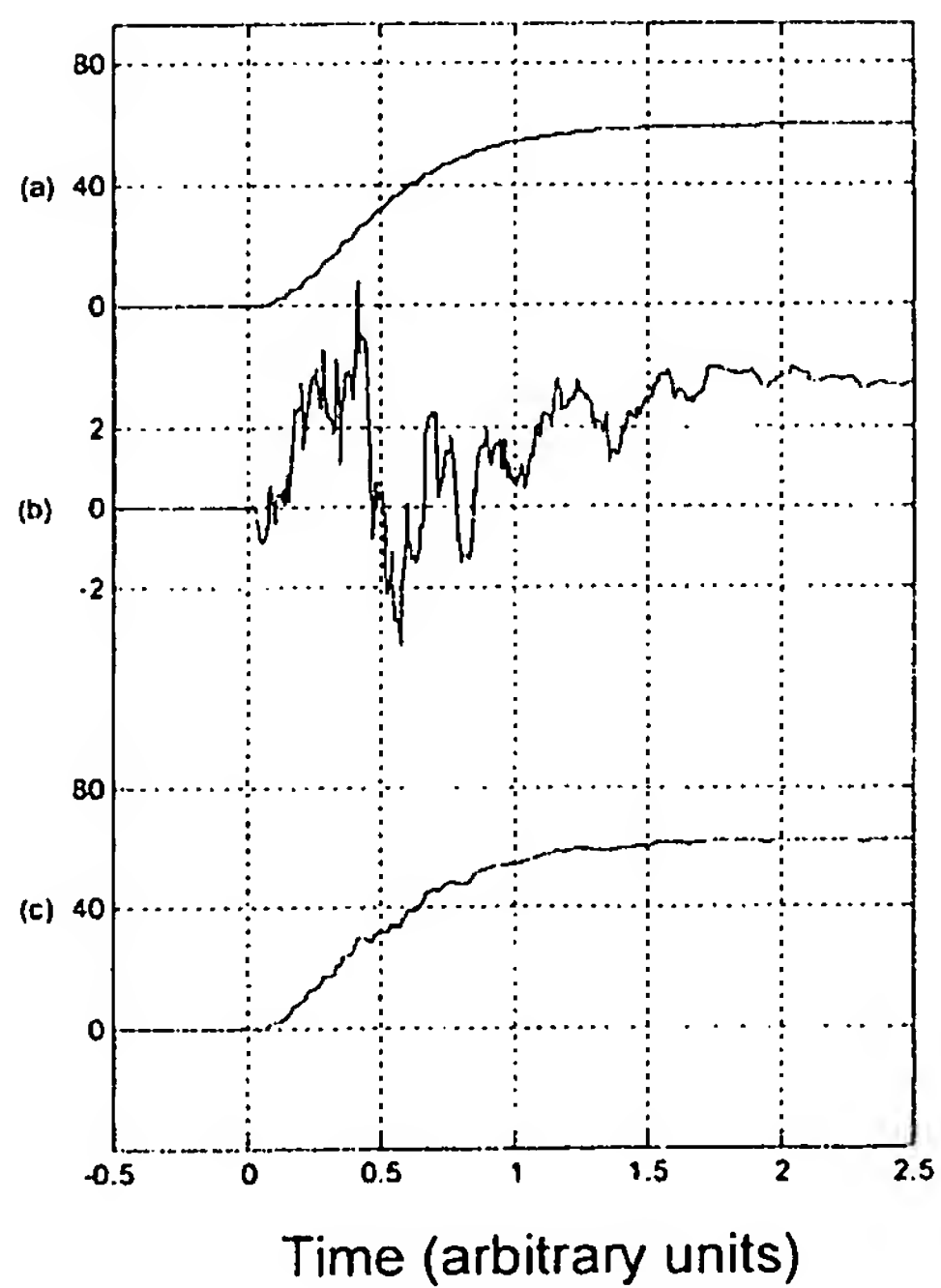
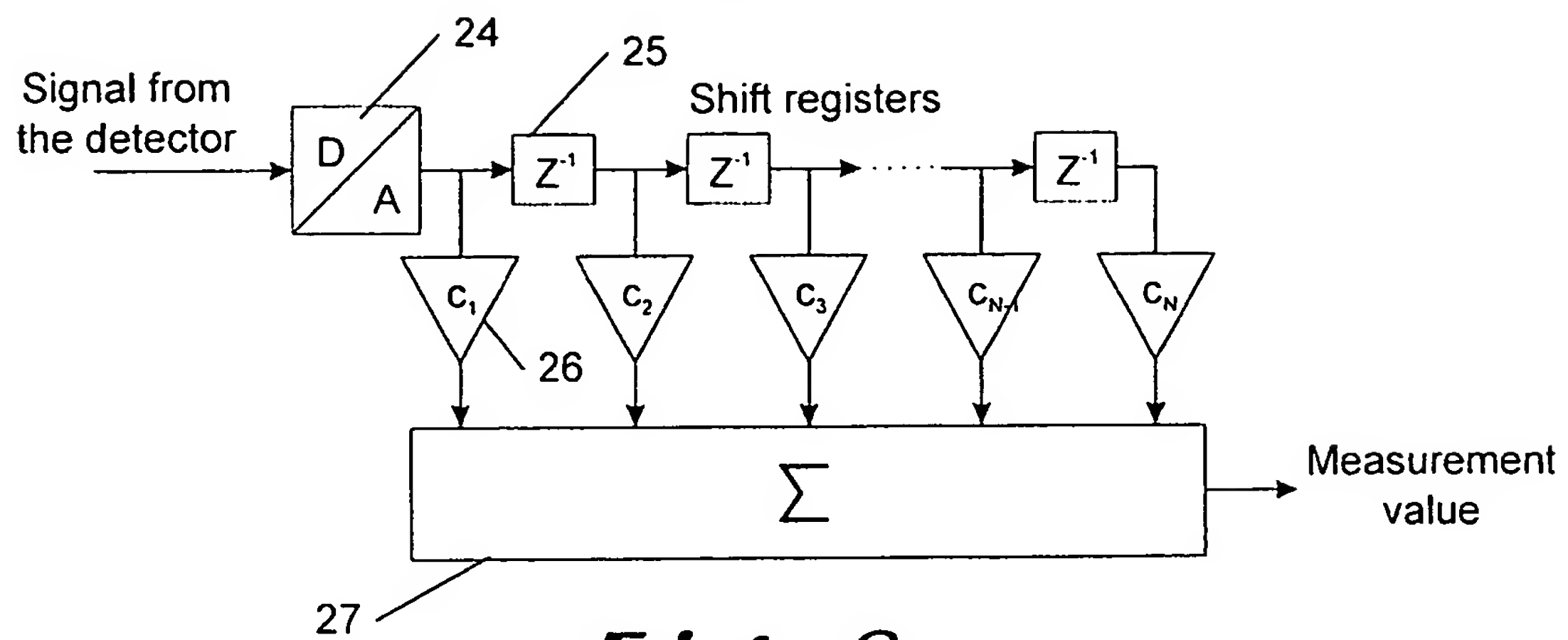
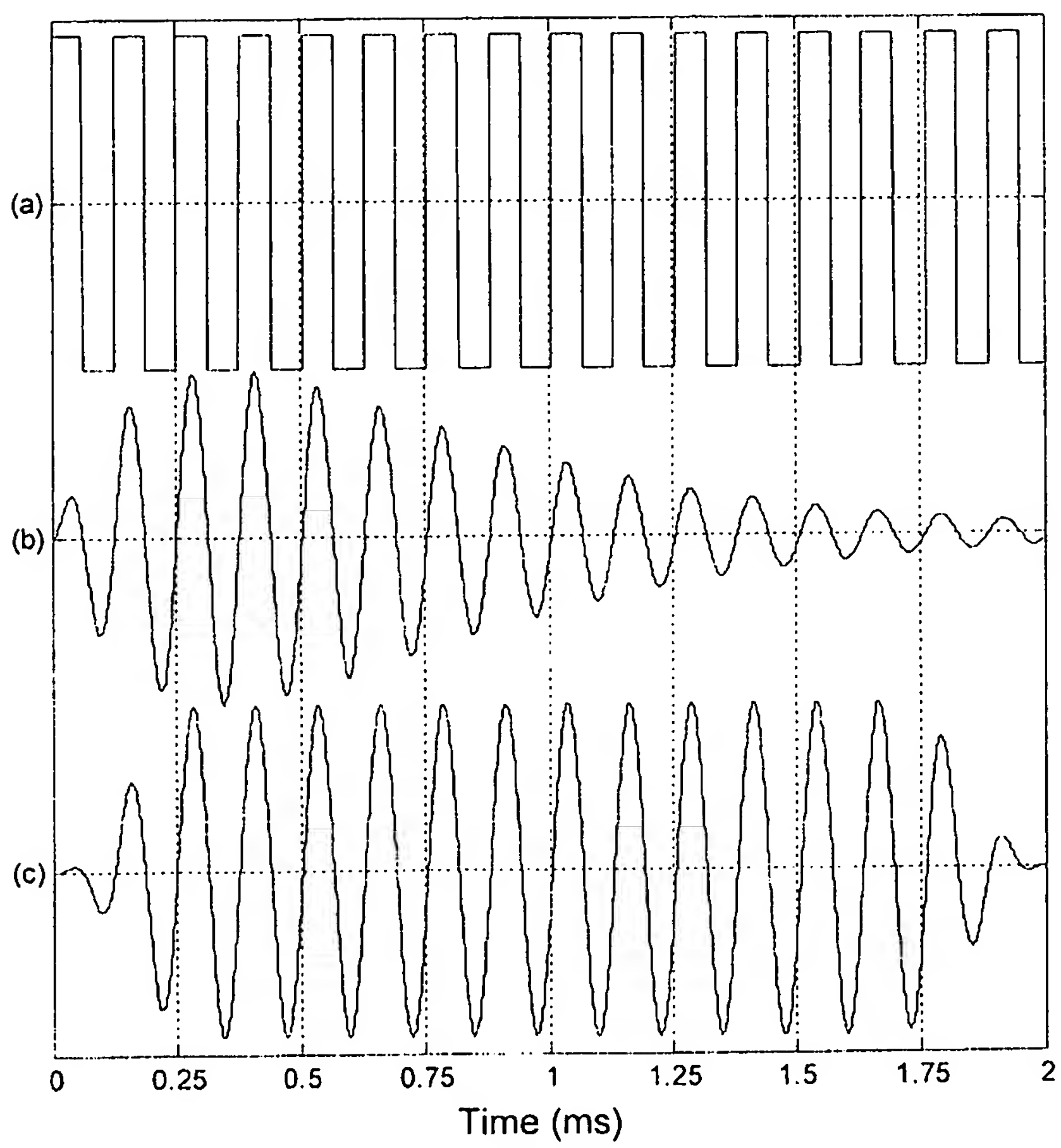
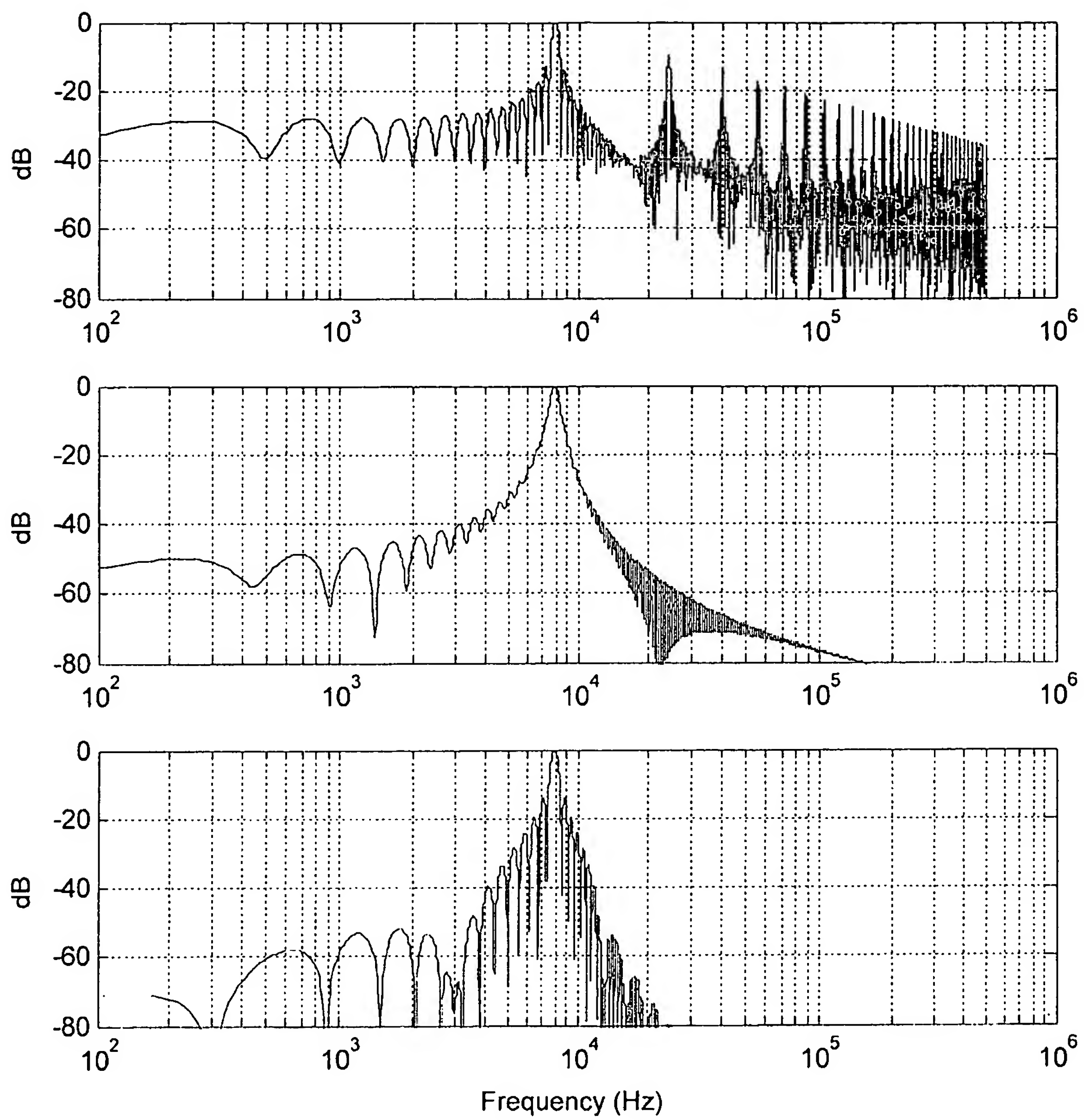


Fig. 7

**Fig. 8****Fig. 9**

***Fig. 10***

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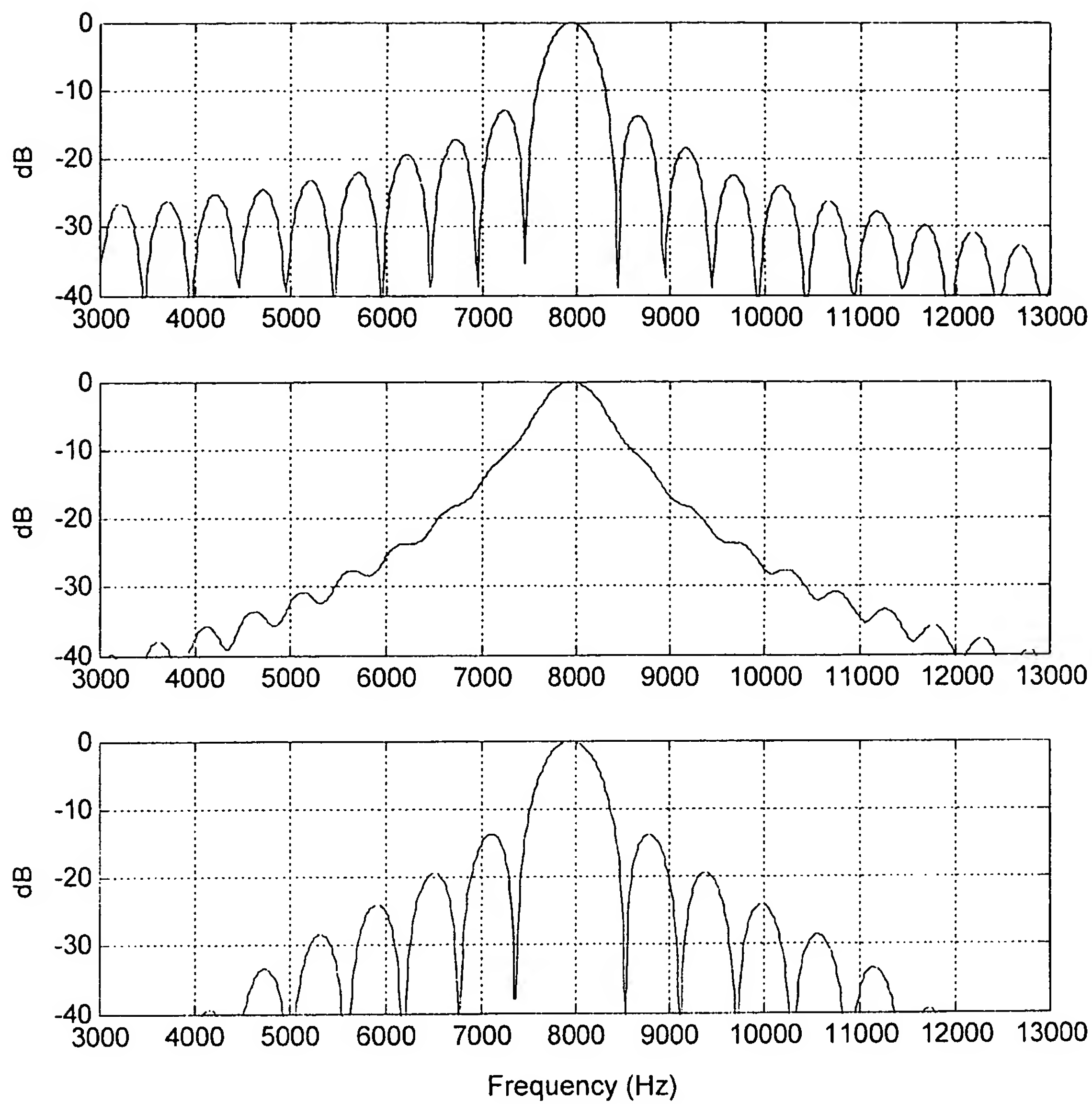


Fig. 11

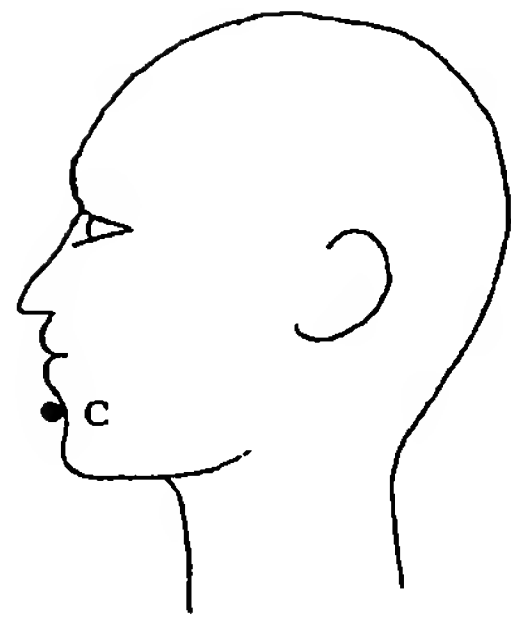
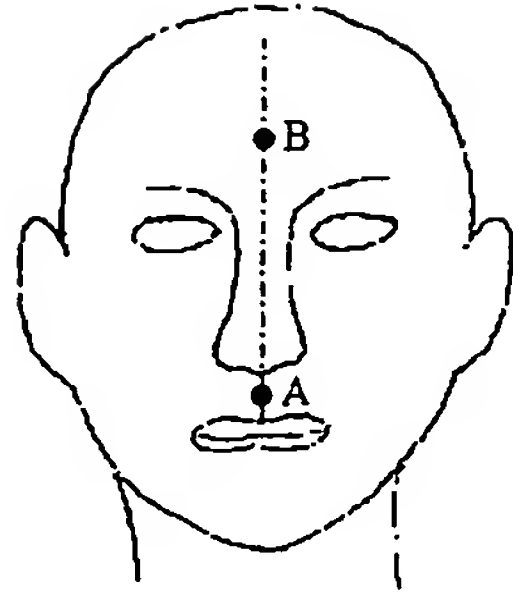


Fig. 12

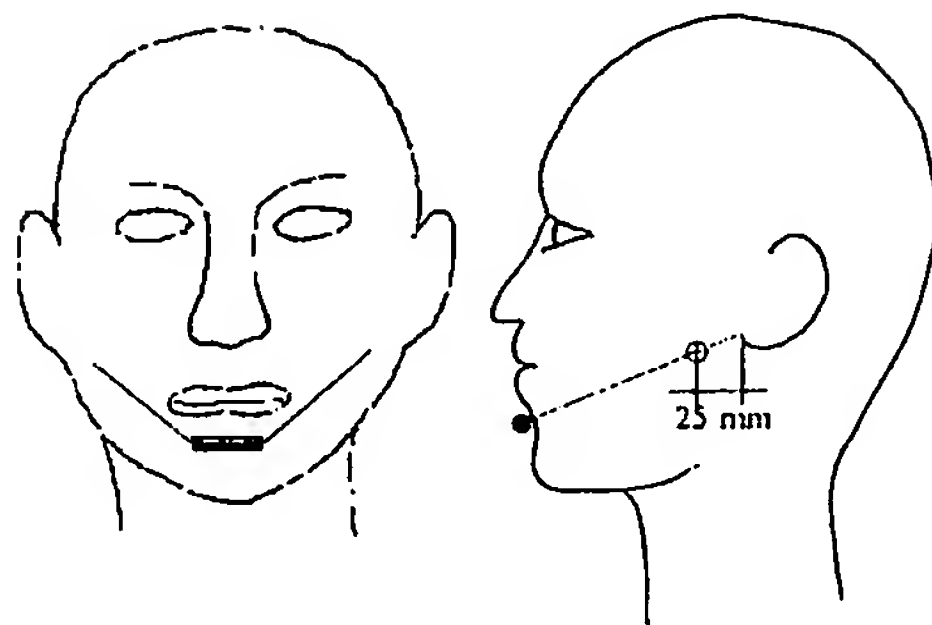
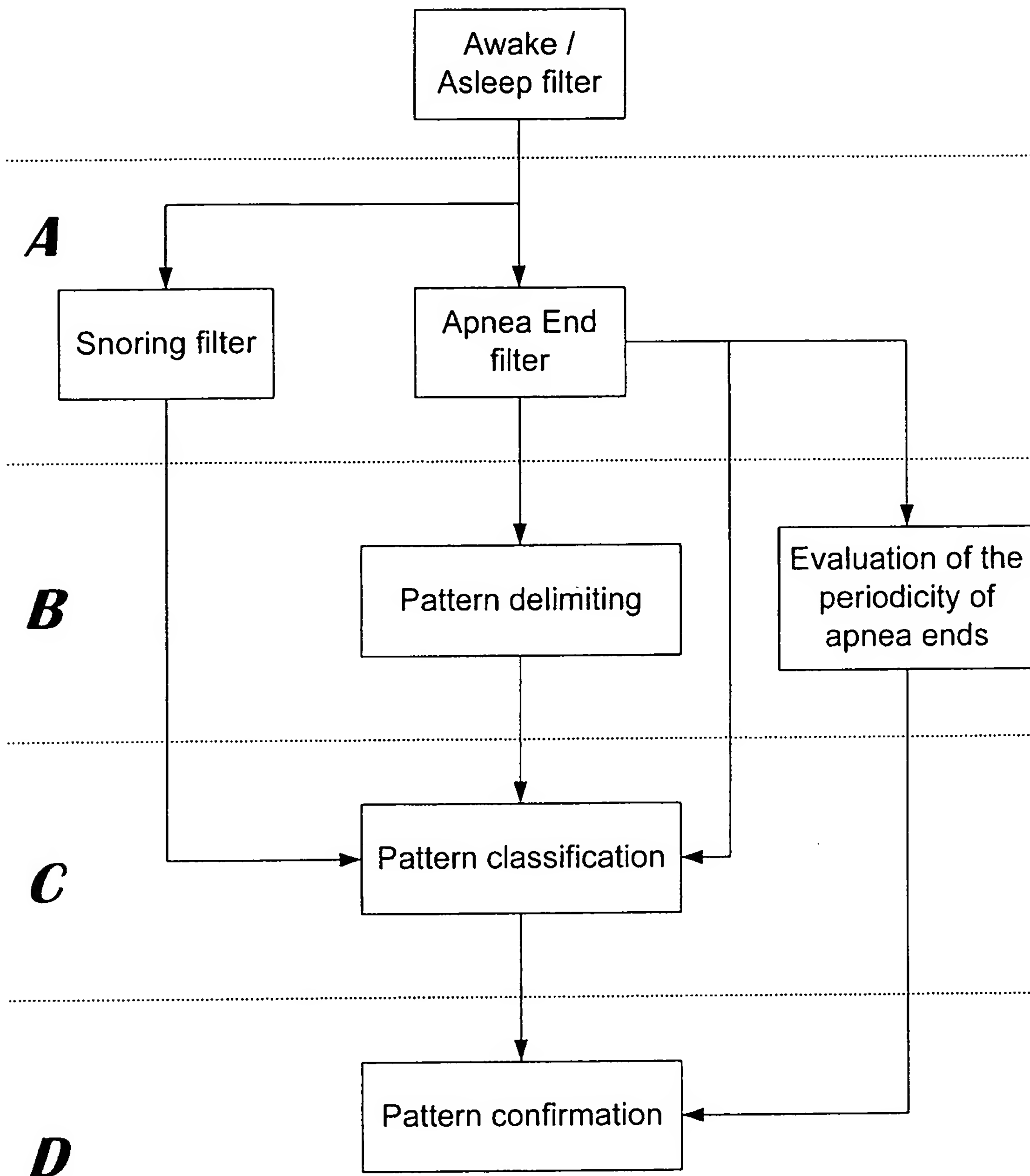
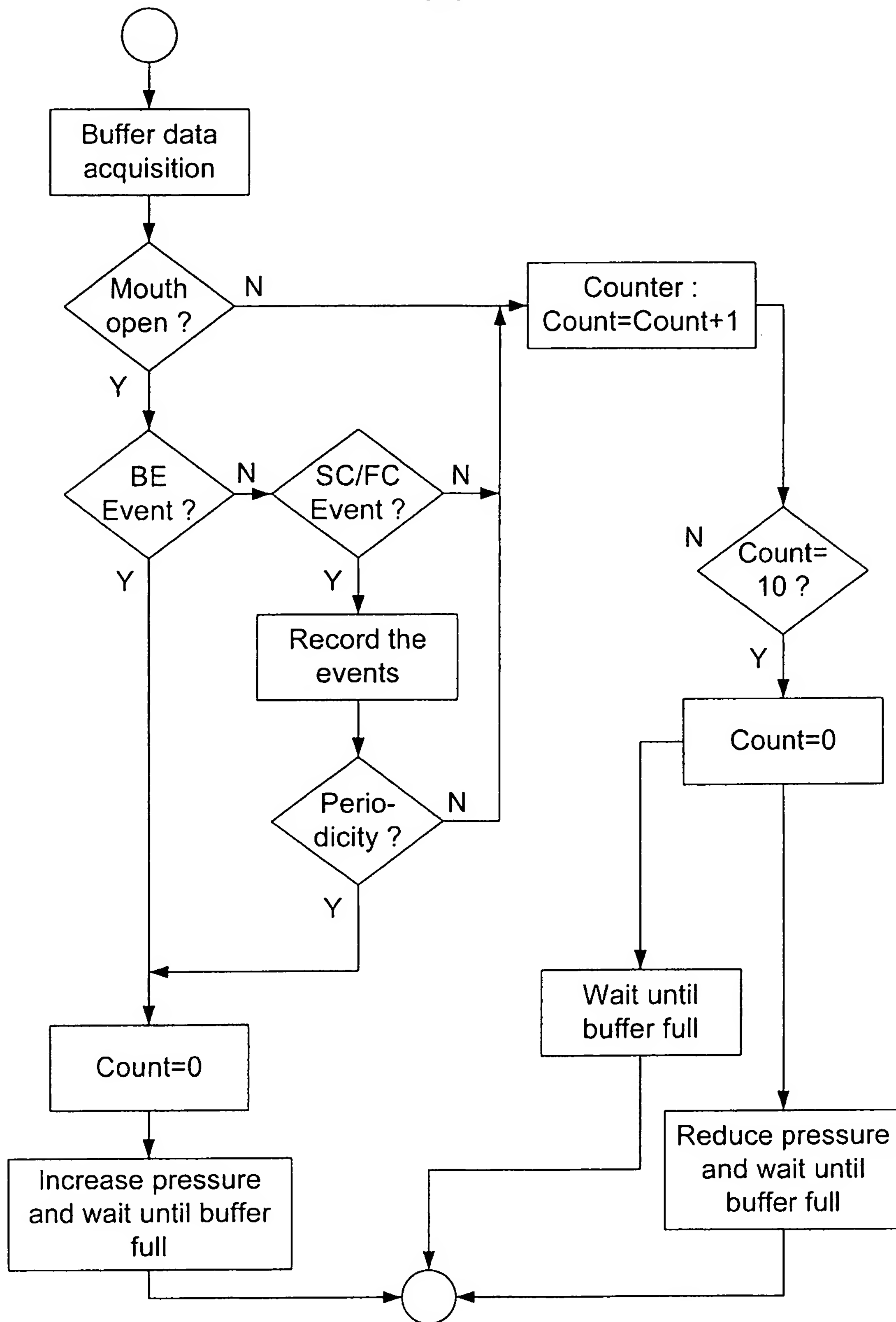


Fig. 13

***Fig. 14 a***

**Fig. 14b**

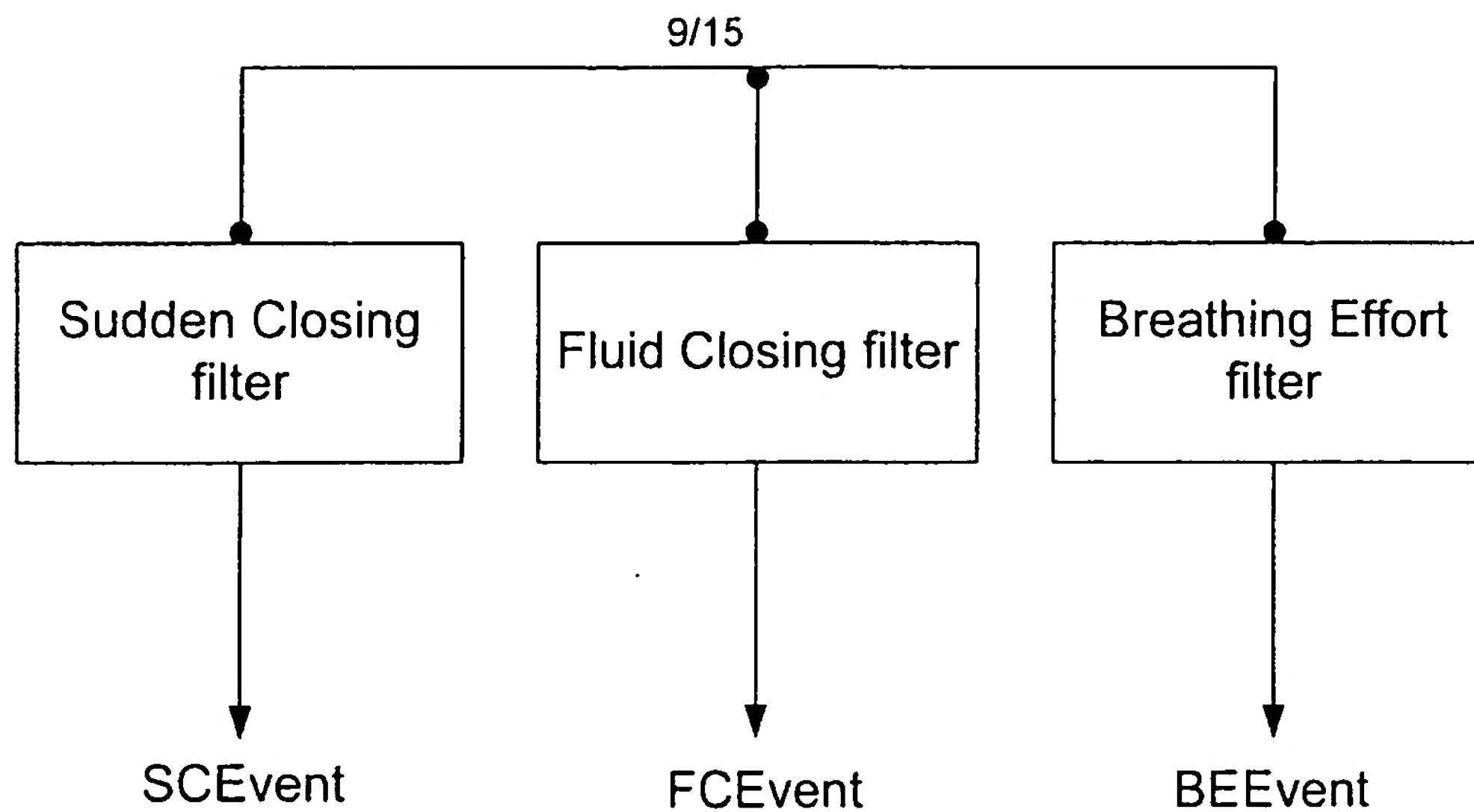


Fig. 15

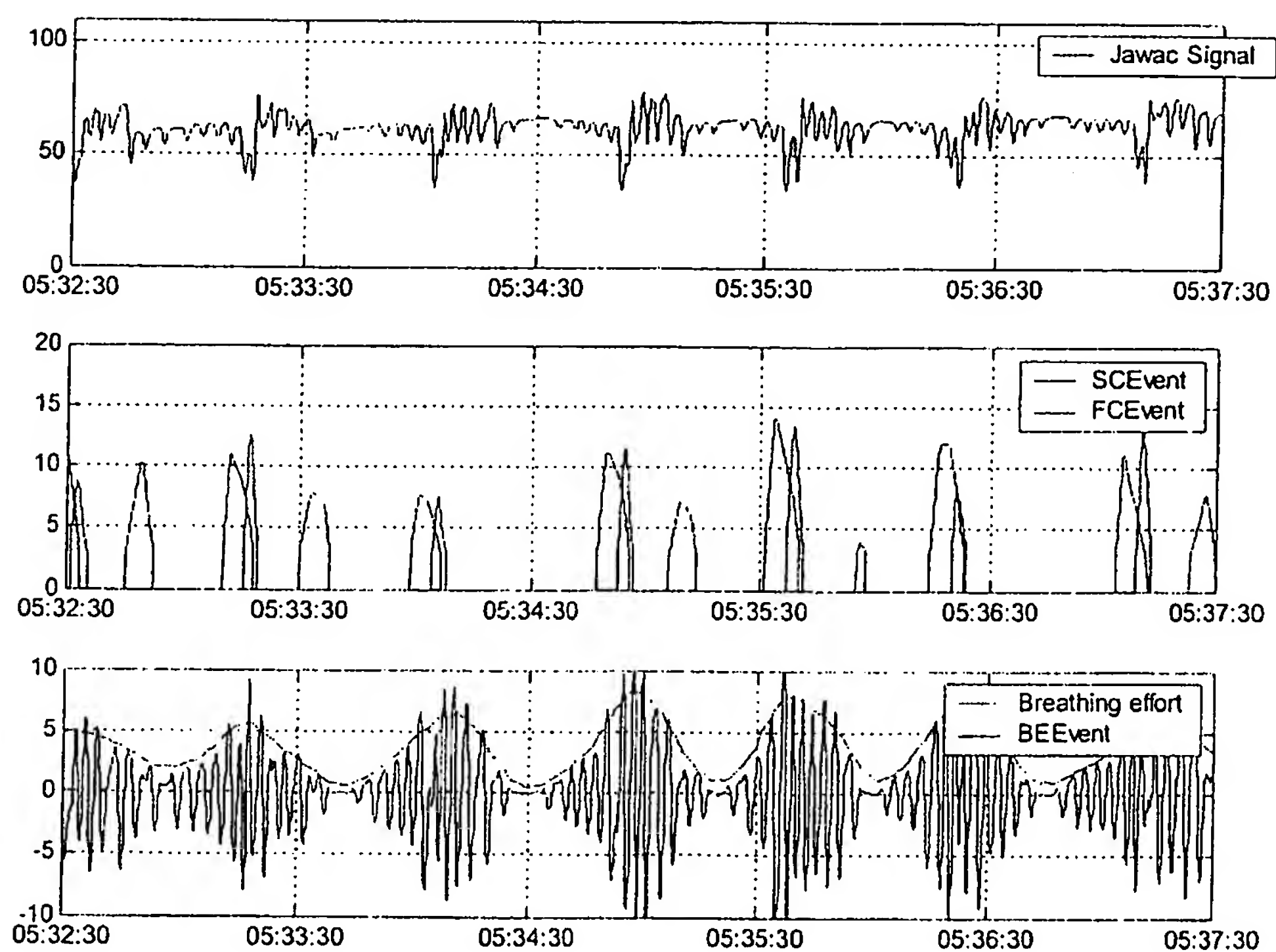


Fig. 16

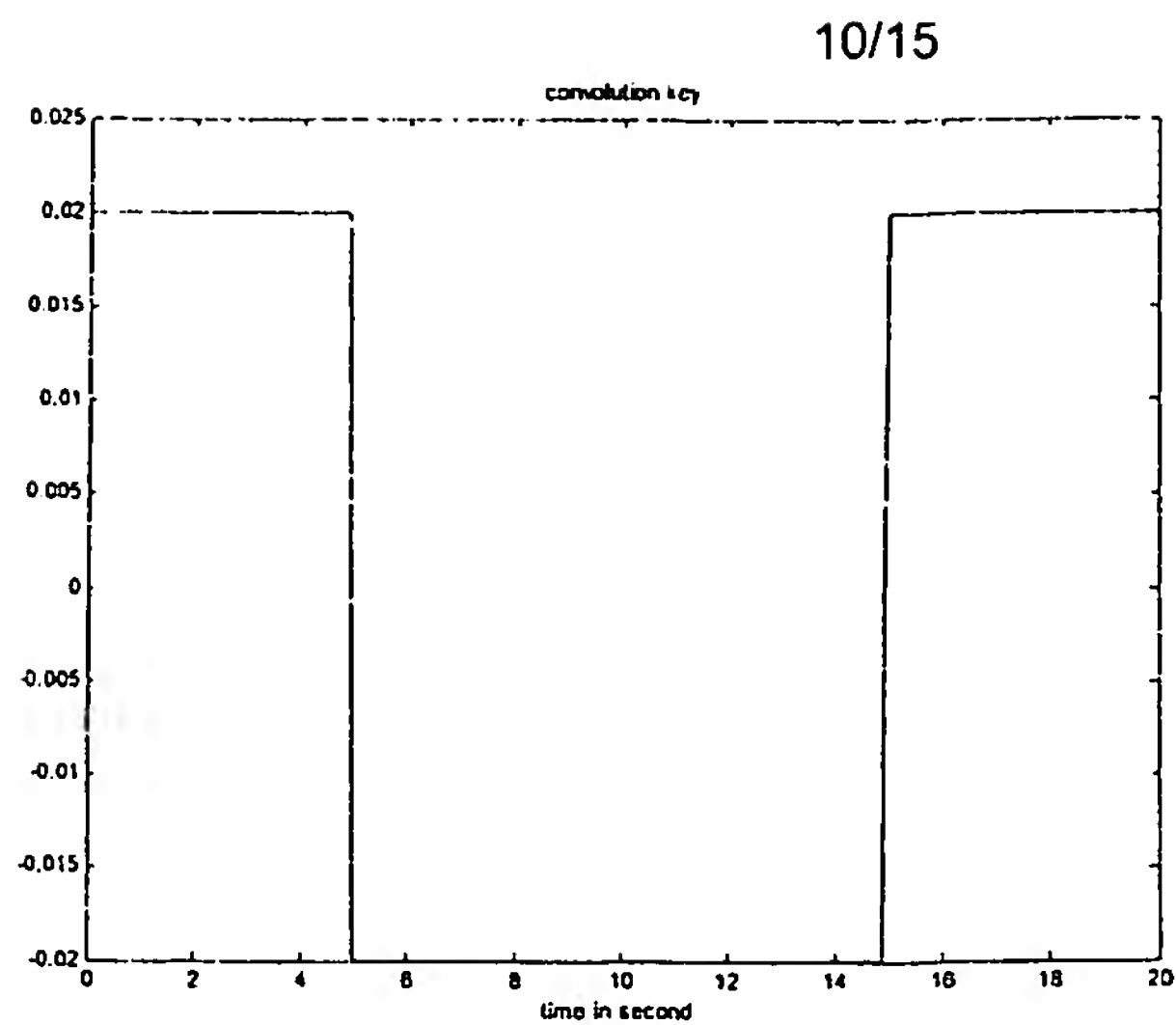


Fig. 17

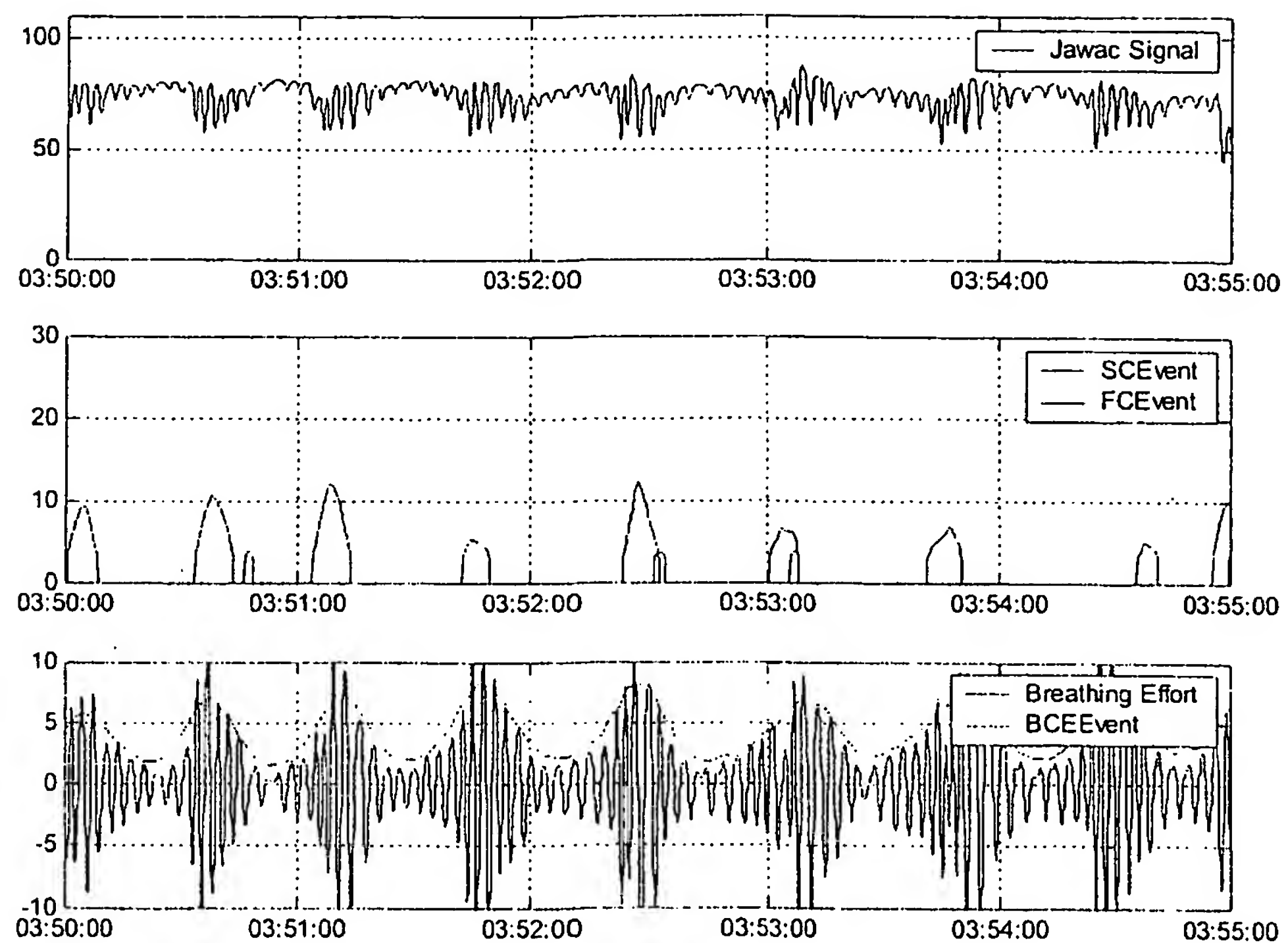


Fig. 18

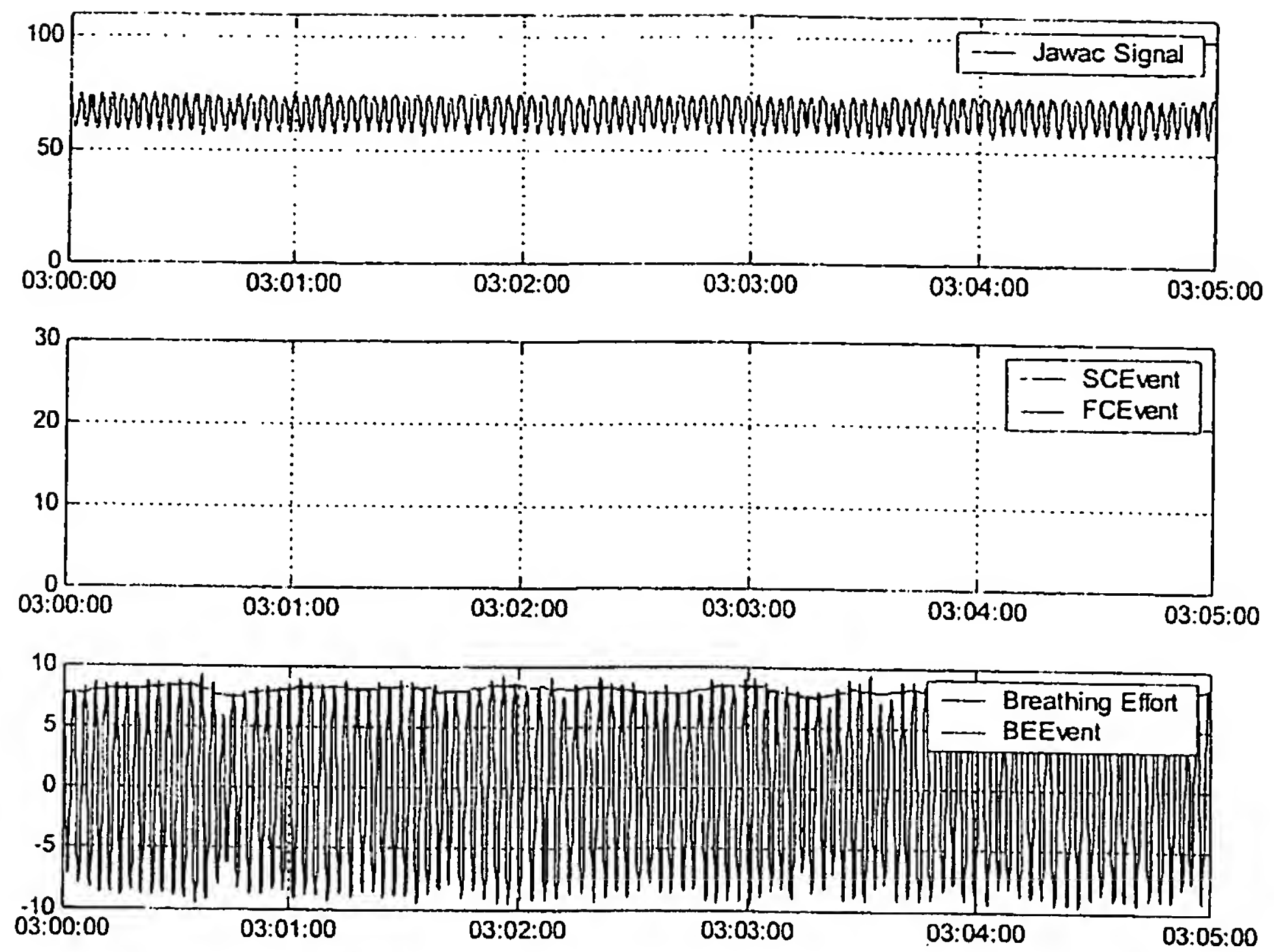


Fig. 19

	SCEvent	FCEvent	NEBEvent	LMOEvent
Hypopnea	0	1	0	0
Obstructive apnea	1	0	0	0
Mixed apnea	1	0	1	0
Central apnea	0	0	1	0
UARS	1	0	0	1

Fig. 20

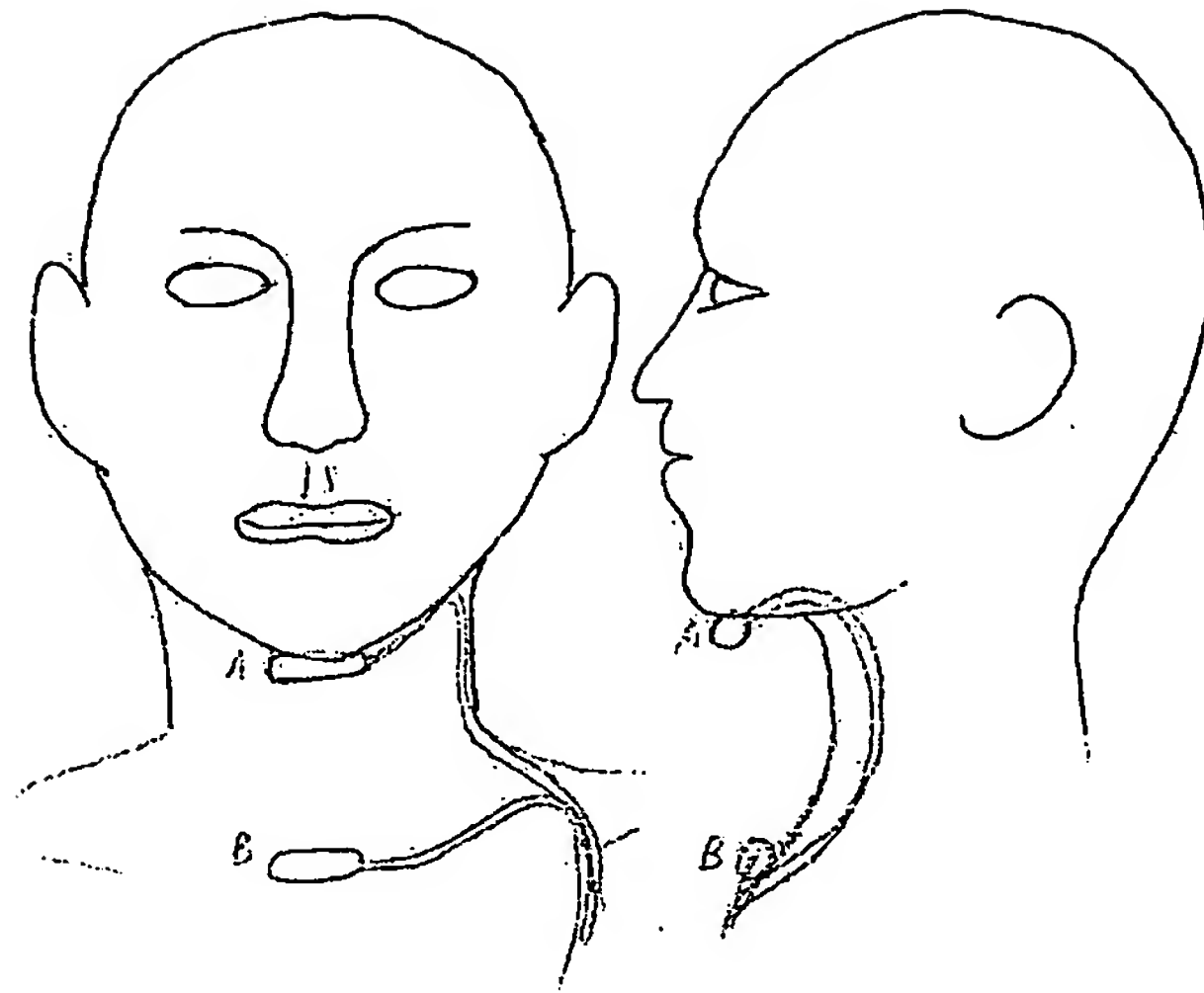


Fig. 21

Form of the detection filters

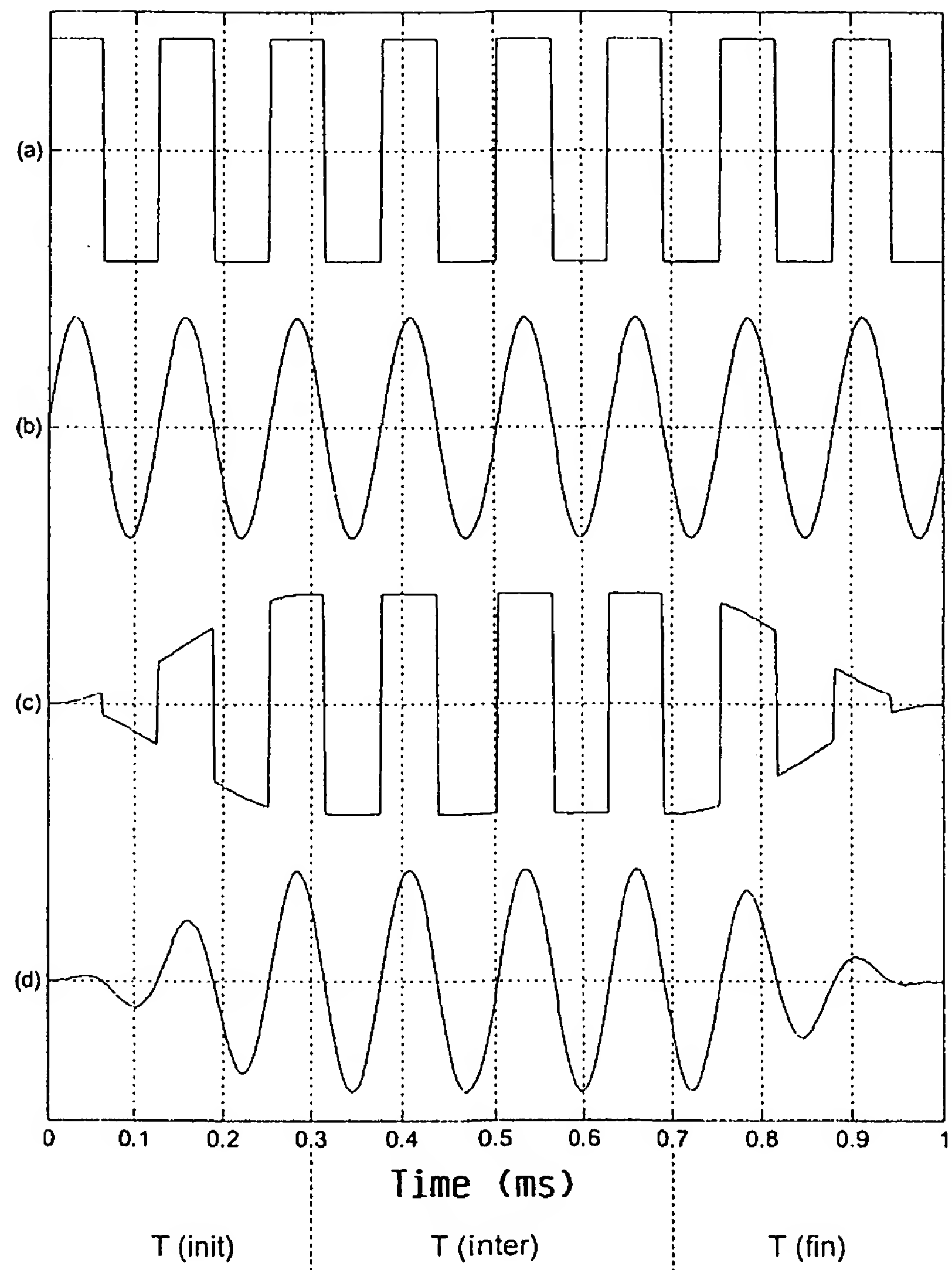
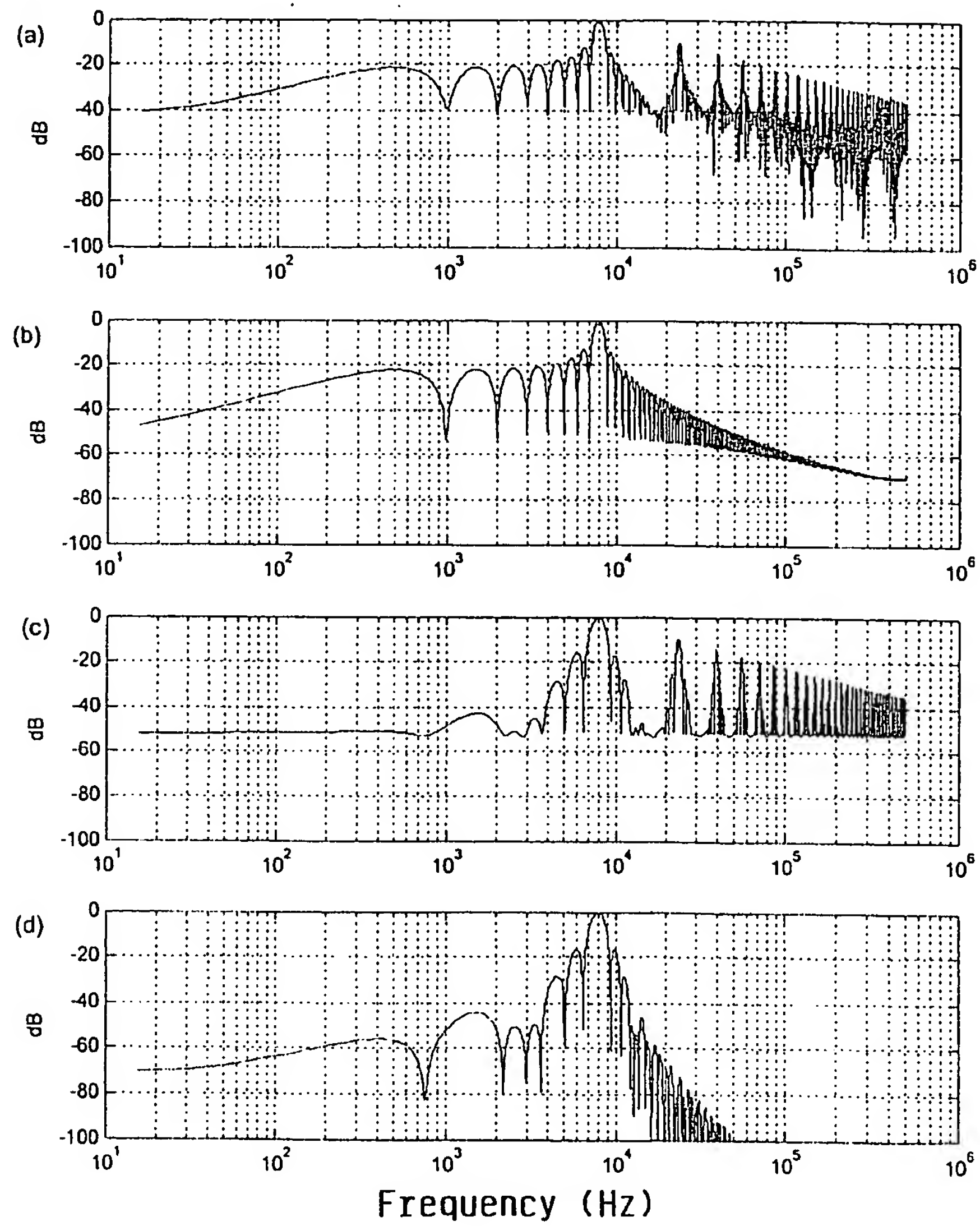


Fig. 22

Amplitude spectrum of the equivalent receiving filters

***Fig. 23***

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